IN THE CLAIMS

Please cancel claims 2 and 3 without prejudice.

Please add new claims 30 and 31 as follows:

Please amend claims 1, 4, 5, 9, 19 and 22 as follows:

1.   (Currently Amended) A computer-implemented method comprising:
        inputting a training set including a plurality of images and a corresponding plurality of aesthetic scores for the images;
        training a classifier to provide aesthetic scores based on the training set; and~~,~~

        ~~outputting the classifier trained to pro~~
        generating an aesthetic score for an image based on the classifier; and
        generating a recommendation to improve the aesthetic score for the image.

2.   (Canceled) ~~The method of claim 1, further comprising:~~
        ~~inputting an image into the classifier;~~
        ~~generating an aesthetic score for the image based on the classifier; and,~~
        ~~outputting the aesthetic score for the image.~~

3.   (Canceled) ~~The method of claim 2, further comprising:~~
        ~~generating a recommendation to improve the aesthetic score for the image;~~ and~~,~~

        ~~outputting the recommendation.~~

4.   (Currently Amended) The method of claim ~~3~~ 1, wherein generating a recommendation comprises utilizing a gradient ascent.

5.   (Currently Am nded) Th method of claim 3 1, wherein generating a recomm ndation comprises performing a local s arch.

6.   (Original) The method of claim 1, wherein training a classifier comprises training one of a Bayesian classifier, a Support Vector Machine (SVM) classifier, a neural net classifier, and a decision tree classifier.

7.   (Original) The method of claim 1, wherein training a classifier comprises utilizing feature selection to correlate at least one image feature of the images with their corresponding aesthetic scores.

8.   (Original) The method of claim 7, wherein utilizing feature selection to correlate at least one image feature comprises utilizing feature selection to correlate at least one image feature selected from the group essentially consisting of: color presence, color distribution, geometrical quantities of segmented image parts, coefficients of image transformations, and higher-level image representations.

9.   (Currently Amended) A computer-implemented method comprising:
          inputting an image;
          generating an aesthetic score for the image by utilizing a classifier previously trained on a training set including a plurality of images and a corresponding plurality of aesthetic scores for the images; and,
          outputting the image
          generating a recommendation to improve the aesthetic score.

10.   (Original) The method of claim 9, wherein generating an aesthetic score comprises generating an aesthetic score based on at least one image feature of the image.

11.   (Original) The method of claim 10, wherein generating an aesthetic score based on at least one image feature of the image comprises generating an aesthetic score

based on at least one image feature selected from the group essentially consisting of: color presence, color distribution, geometrical quantities of segmented image parts, coefficients of image transformations, and higher-level image representations.

12. (Original) The method claim 9, wherein utilizing a classifier comprises utilizing one of a Bayesian classifier, a Support Vector Machine (SVM classifier, a neural net classifier, and a decision tree classifier.

13. (Original) A computer-implemented method comprising:

inputting an image and a corresponding aesthetic score for the image previously generated by utilizing a classifier previously trained on a training set including a plurality of images and a corresponding plurality of aesthetic scores for the images;

generating a recommendation to improve the aesthetic score for the image; and,

outputting the recommendation.

14. (Original) The method of claim 13, wherein generating a recommendation comprises utilizing a gradient ascent.

15. (Original) The method of claim 13, wherein generating a recommendation comprises performing a local search.

16. (Original) The method of claim 13, wherein inputting an image and a corresponding aesthetic score comprises inputting an image and a corresponding aesthetic score for the image previously generated based on at least one image feature of the image.

17. (Original) The method of claim 16, wherein inputting an image and a corresponding aesthetic score for the image previously generated based on at least one image feature of the image comprises inputting an image and a corresponding aesthetic score for the image previously generat d based on at least one image feature of the

image sel cted from the group essentially consisting of: color presence, color distribution, geometrical quantities of segmented image parts, coefficients of image transformations, and higher-level image representations.

18.   (Original) The method of claim 13, wherein inputting an image and a corresponding aesthetic score comprises inputting an image and a corresponding aesthetic score for the image previously generated by utilizing one of a Bayesian classifier, a Support Vector Machine (SVM) classifier, a neural net classifier, and a decision tree classifier.

19.   (Currently Amended) A machine-readable medium having instructions stored thereon for execution by a processor to perform a method comprising:

    inputting a training set including a plurality of images and a corresponding plurality of aesthetic scores for the images;

    training a classifier to provide aesthetic scores based on the training set; and,

    ~~outputting the classifier trained to provide aesthetic scores~~.

    <u>inputting an image and utilizing the classifier to generate a corresponding aesthetic score for the image; and</u>

    <u>generating a recommendation to improve the corresponding aesthetic score</u>.

20.   (Original) The method of claim 19, wherein training a classifier comprises training one of a Bayesian classifier, a Support Vector Machine (SVM) classifier, a neural net classifier, and a decision tree classifier.

21.   (Original) The method of claim 19, wherein training a classifier comprises utilizing feature selection to correlate at least one image feature of the images with their corresponding aesthetic scores.

22.   (Currently Amended) A machine-readable medium having instructions stored thereon for x cution by a processor to perform a m thod comprising:

inputting an image;

gen rating an a sth tic score for th imag by utilizing a classifi r previously trained on a training set including a plurality of images and a corresponding plurality of aesthetic scores for the images; ~~and,~~

outputting the image; and,

generating and outputting a recommendation as to how to improve the aesthetic score for the image.

23. (Original) The medium of claim 22, wherein generating an aesthetic score comprises generating an aesthetic score based on at least one image feature of the image.

24. (Original) The medium of claim 22, wherein utilizing a classifier comprises utilizing one of a Bayesian classifier, a Support Vector Machine (SVM) classifier, a neural net classifier, and a decision tree classifier.

25. (Original) A machine-readable medium having instructions stored thereon for execution by a processor to perform a method comprising:

inputting an image and a corresponding aesthetic score for the image previously generated by utilizing a classifier previously trained on a training set including a plurality of images and a corresponding plurality of aesthetic scores for the images;

generating a recommendation to improve the aesthetic score for the image; and,

outputting the recommendation.

26. (Original) The medium of claim 25, wherein generating a recommendation comprises utilizing a gradient ascent.

27. (Original) The medium of claim 25, wherein generating a recommendation comprises performing a local search.

28.   (Original) The medium of claim 25, wherein inputting an image and a corresponding aesthetic score comprises inputting an image and a corresponding aesthetic score for the image previously generated based on at least one image feature of the image.

29.   (Original) The medium of claim 25, wherein inputting an image and a corresponding aesthetic score comprises inputting an image and a corresponding aesthetic score for the image previously generated by utilizing one of a Bayesian classifier, a Support Vector Machine (SVM) classifier, a neural net classifier, and a decision tree classifier.

30.   (New) A method for processing an image, comprising generating a recommendation to improve an aesthetic score of the image, wherein the aesthetic score was generated using a classifier trained on a training set including a plurality of images and corresponding aesthetic scores for the plurality of images.

31.   (New) The method of claim 30, wherein generating a recommendation further comprises suggesting how to improve the aesthetic score by manipulating visual elements in the image